

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Art Unit: 2731
Grimwood, et al.) Examiner: unknown
Serial No.: 09/074,036) Docket No: TER-005
Filed: 05/06/98)



For: APPARATUS AND METHOD FOR SYNCHRONIZING AN SCDMA UPSTREAM OR ANY OTHER
TYPE UPSTREAM TO AN MCNS DOWNSTREAM OR ANY OTHER TYPE DOWNSTREAM
WITH DIFFERENT CLOCK RATE THAN THE UPSTREAM

Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing with respect to the above-identified application, please find fifteen (15) sheets of Formal Drawings comprising of Figures 1-24 (labeled on reverse side).

The Commissioner is hereby authorized to charge any fees necessary at any time to keep this case from becoming abandoned to Deposit Account 06-0932 or credit any overpayments thereto.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ron Fish".

Dated: June 16, 1999

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JUN 29 1999

Group 2700

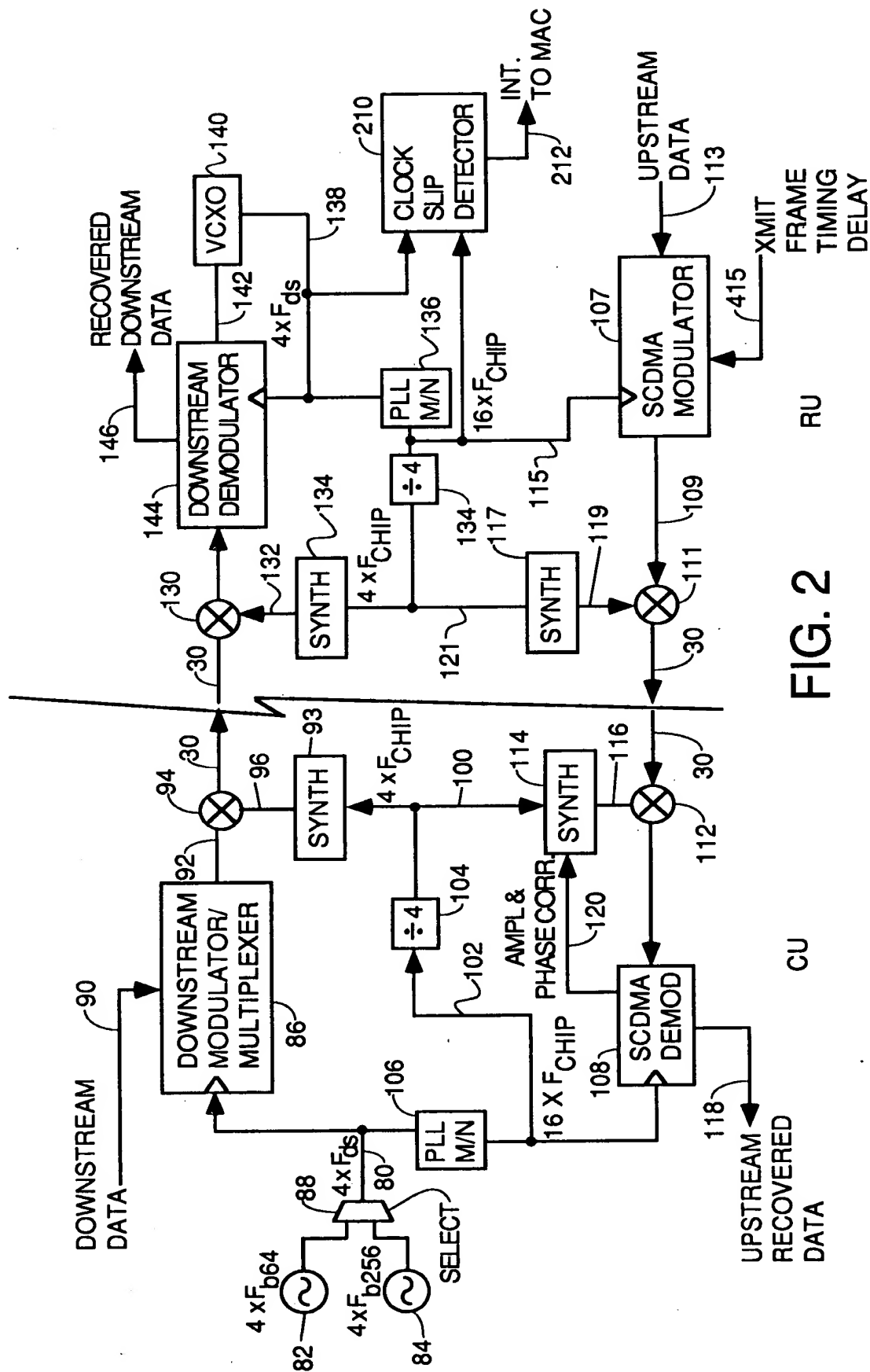


FIG. 2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

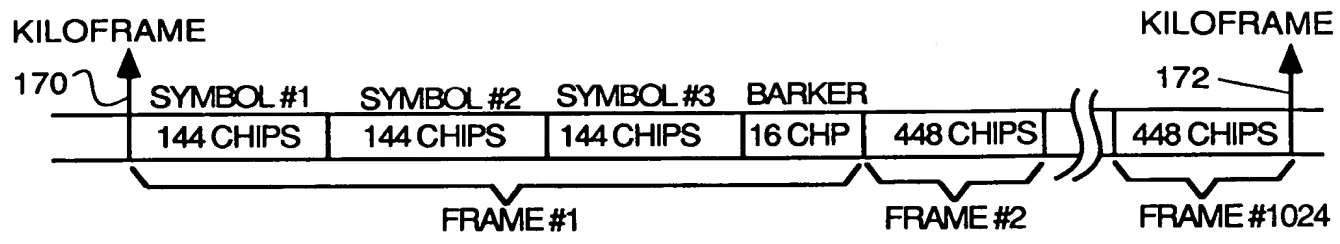
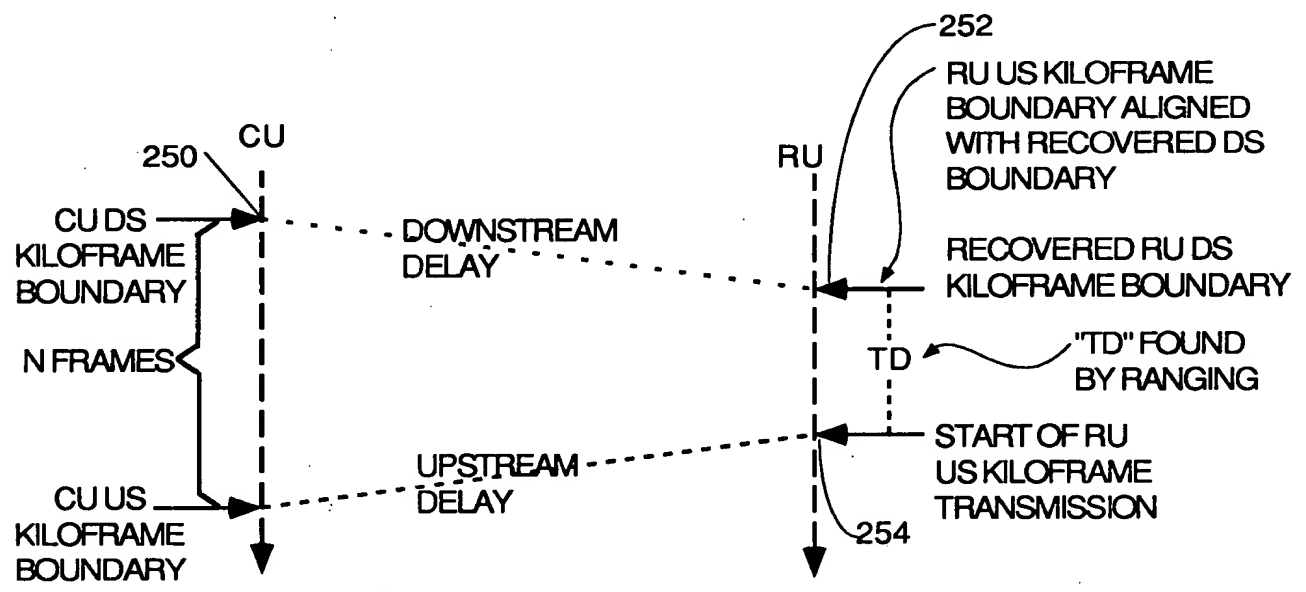


FIG. 3



SCDMA DS, SCDMA US
FIG. 5

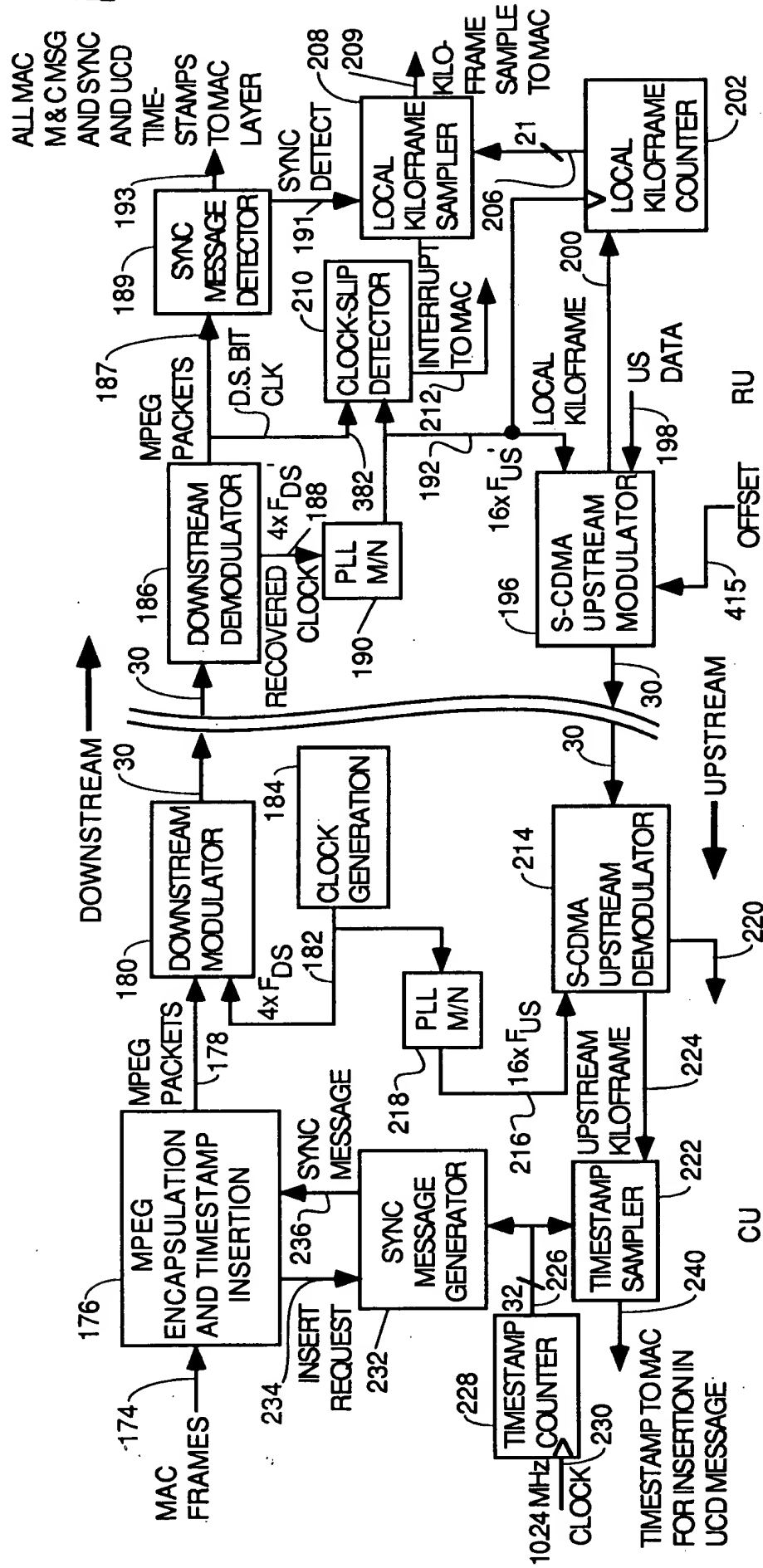


FIG. 4

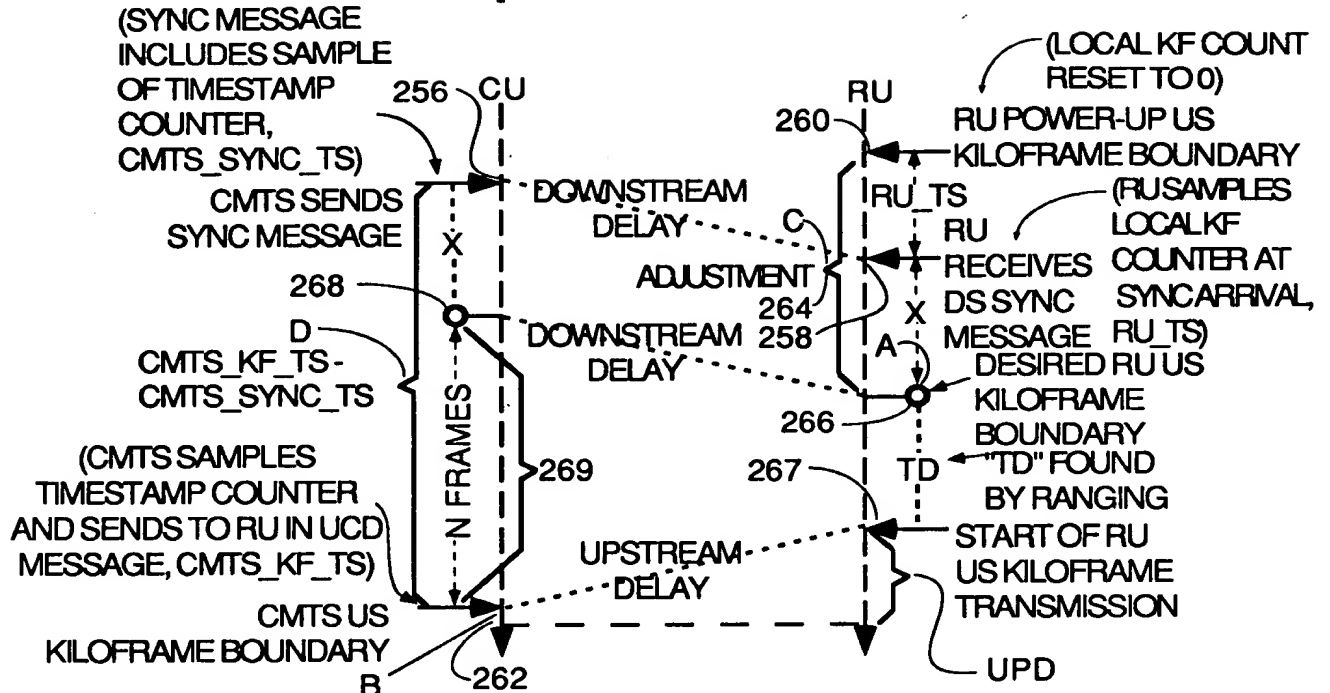


FIG. 6

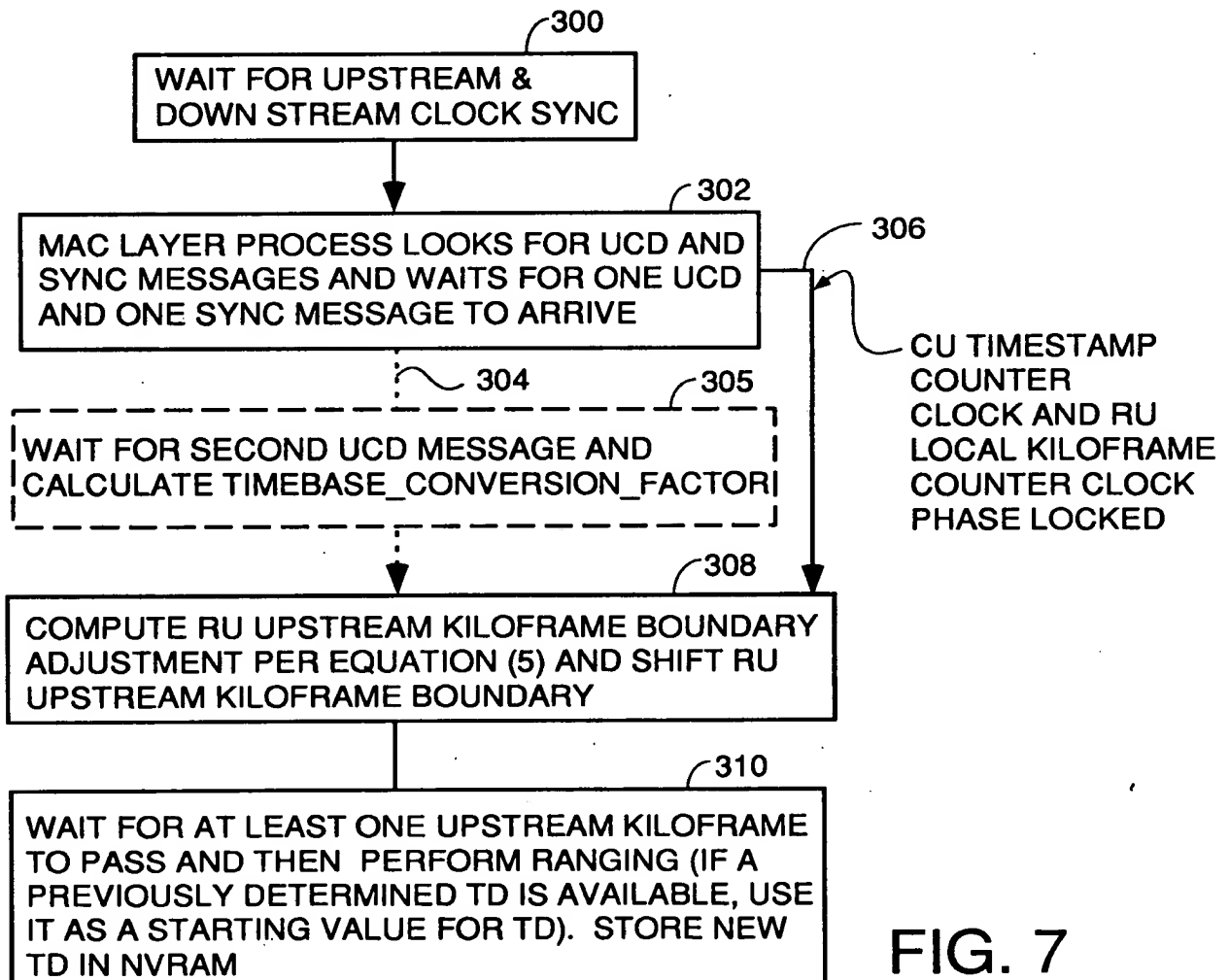


FIG. 7

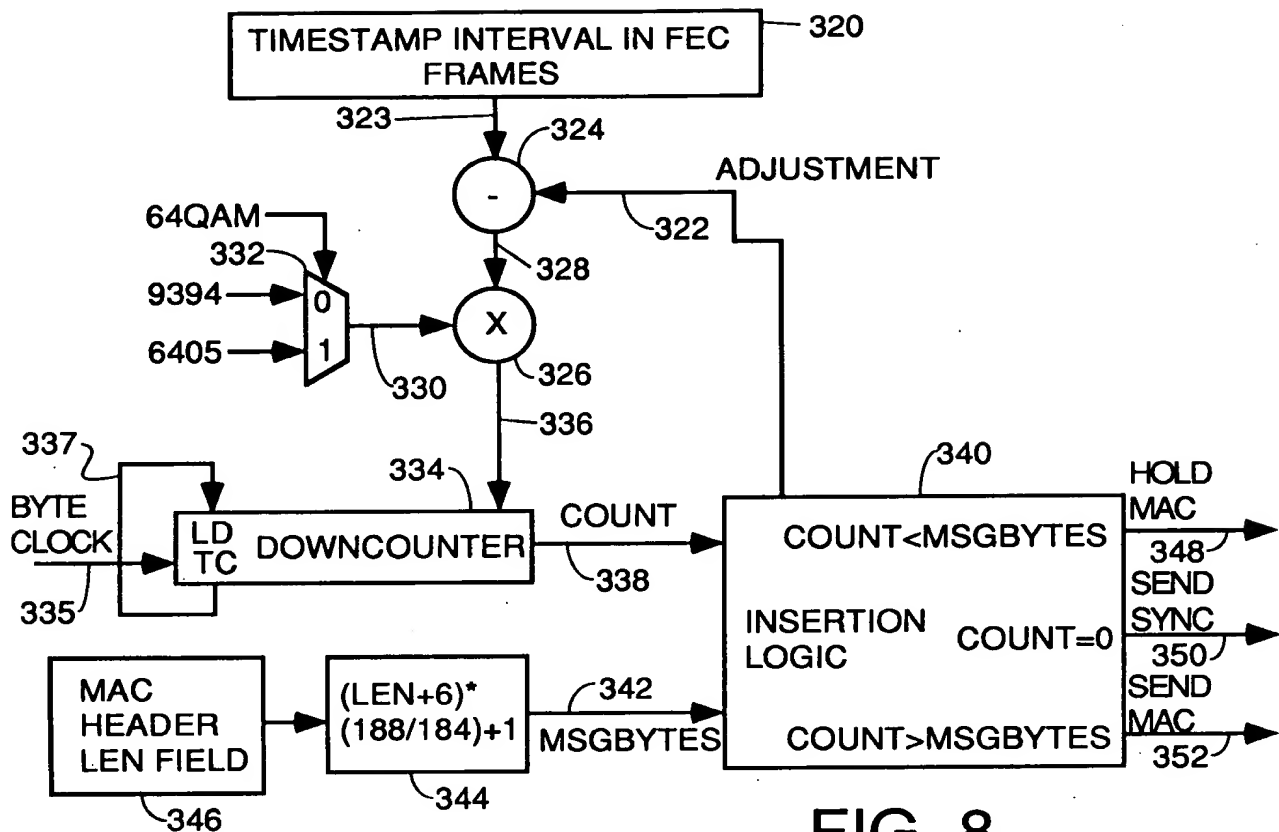


FIG. 8

TABLE 1 64 QAM SYNC START POSITION ADJUSTMENTS

SYNC START POSITION IN BYTES	SYNC ADJUSTMENT IN FEC FRAMES
0-5	2
155-167	4
167-183	2

FIG. 9

TABLE 2 256 QAM SYNC START POSITION ADJUSTMENTS

SYNC START POSITION IN BYTES	SYNC ADJUSTMENT IN FEC FRAMES
0-2	6
3-5	7
155-160	1
161-166	2
167-172	3
173-178	4
179-184	5
185-187	6

FIG. 10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

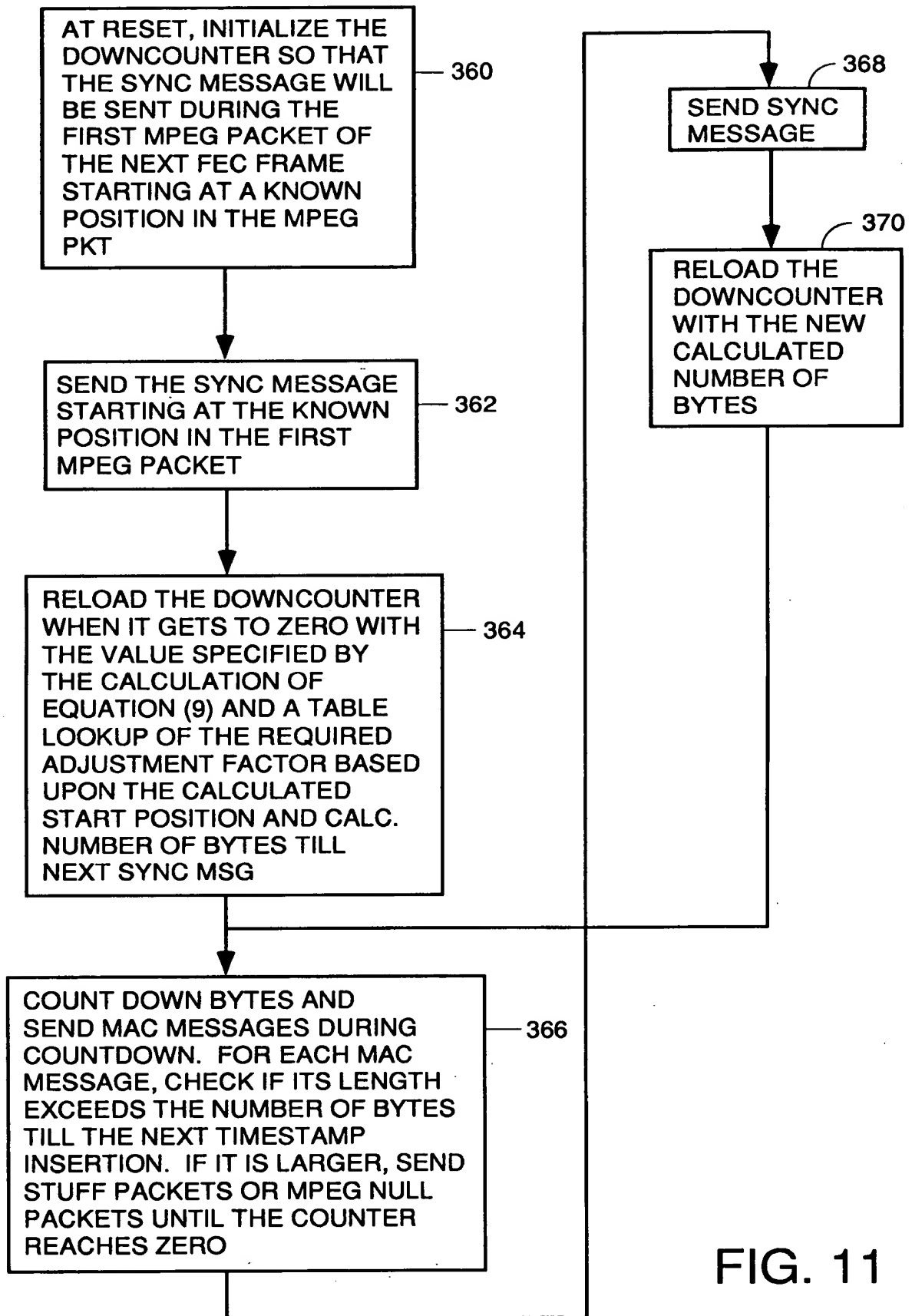
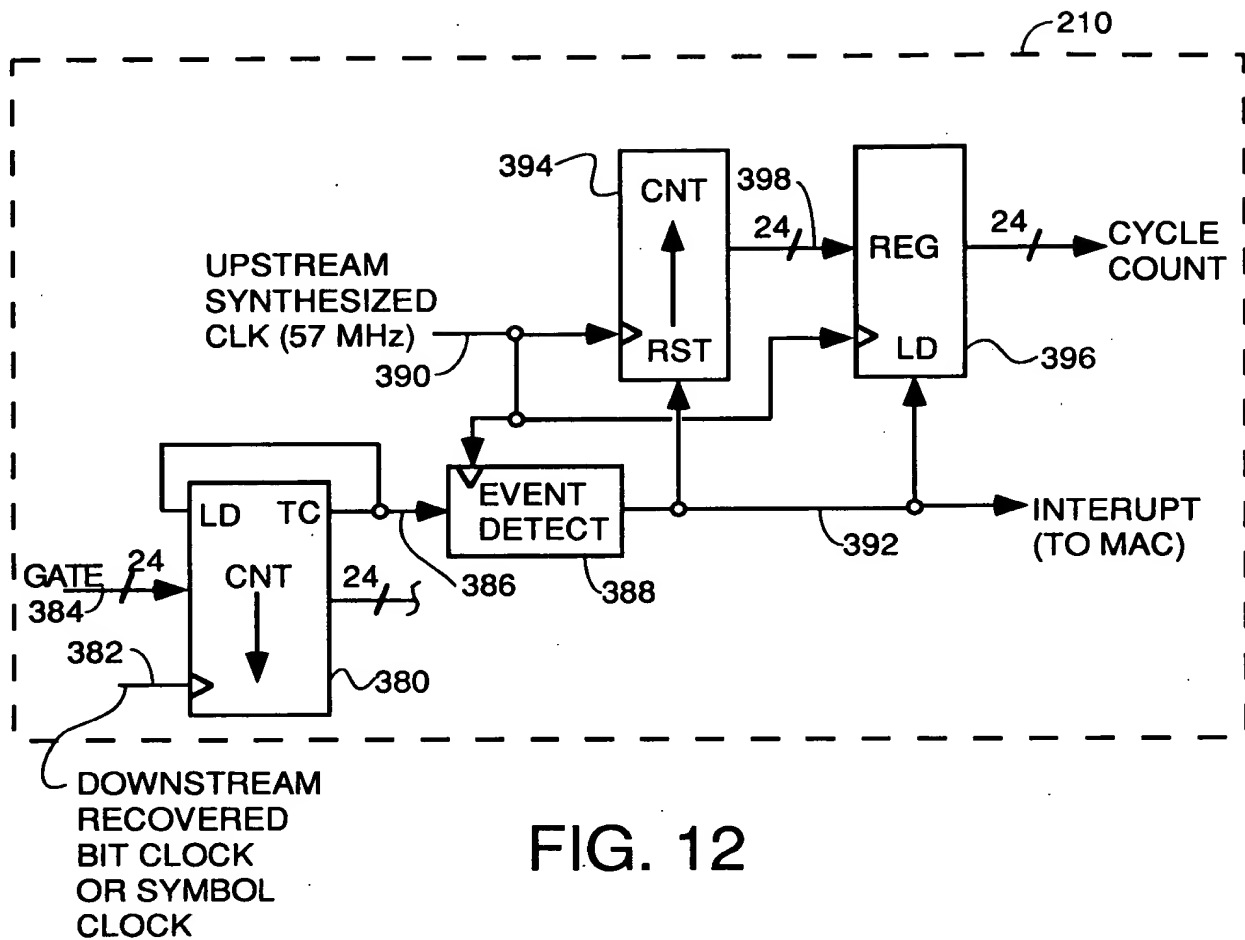


FIG. 11

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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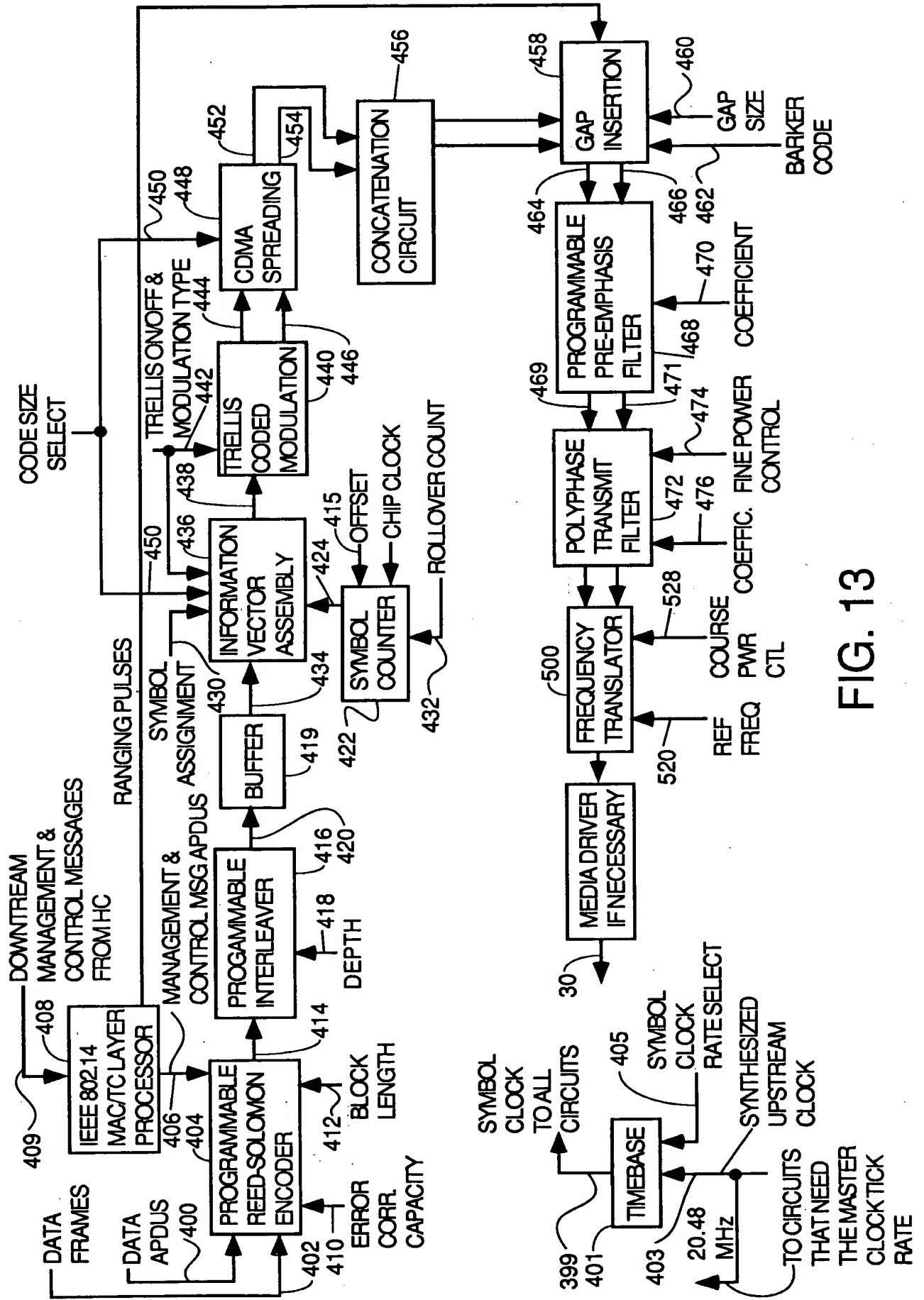
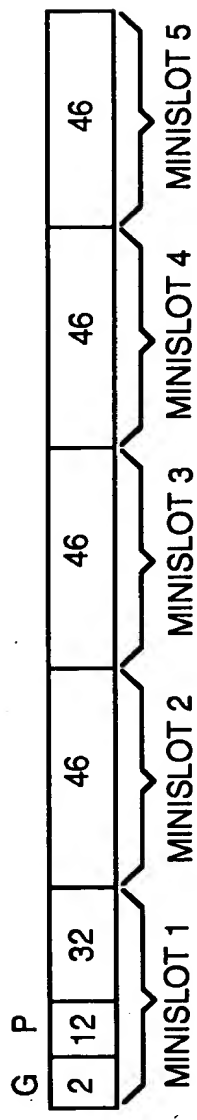
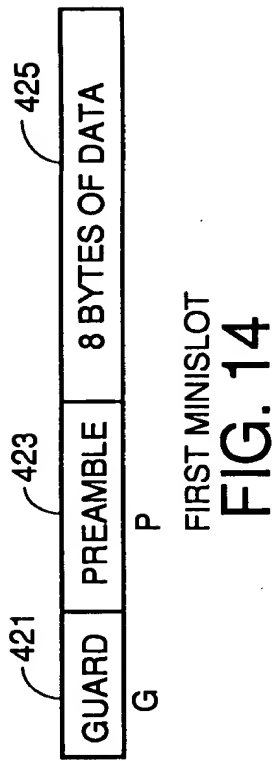
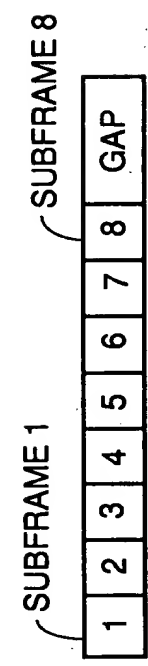


FIG. 13



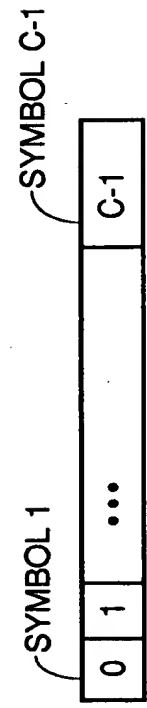
QPSK, NO TRELIS, 54 BYTE APDU

FIG. 15



ONE HS-CDMA FRAME

FIG. 16



ONE SUBFRAME

FIG. 17

FIG. 18A

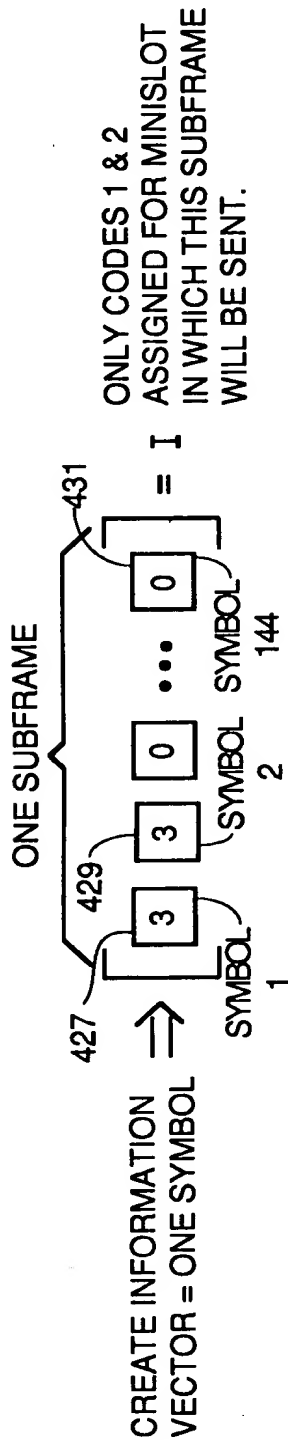


FIG. 18B

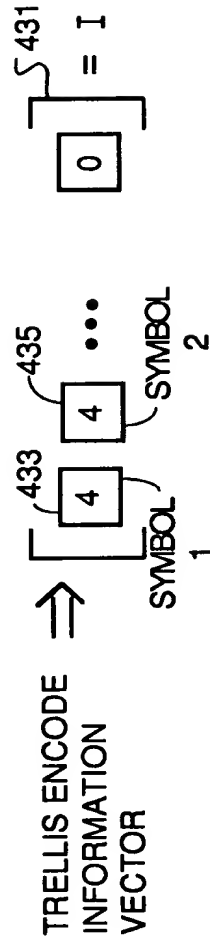
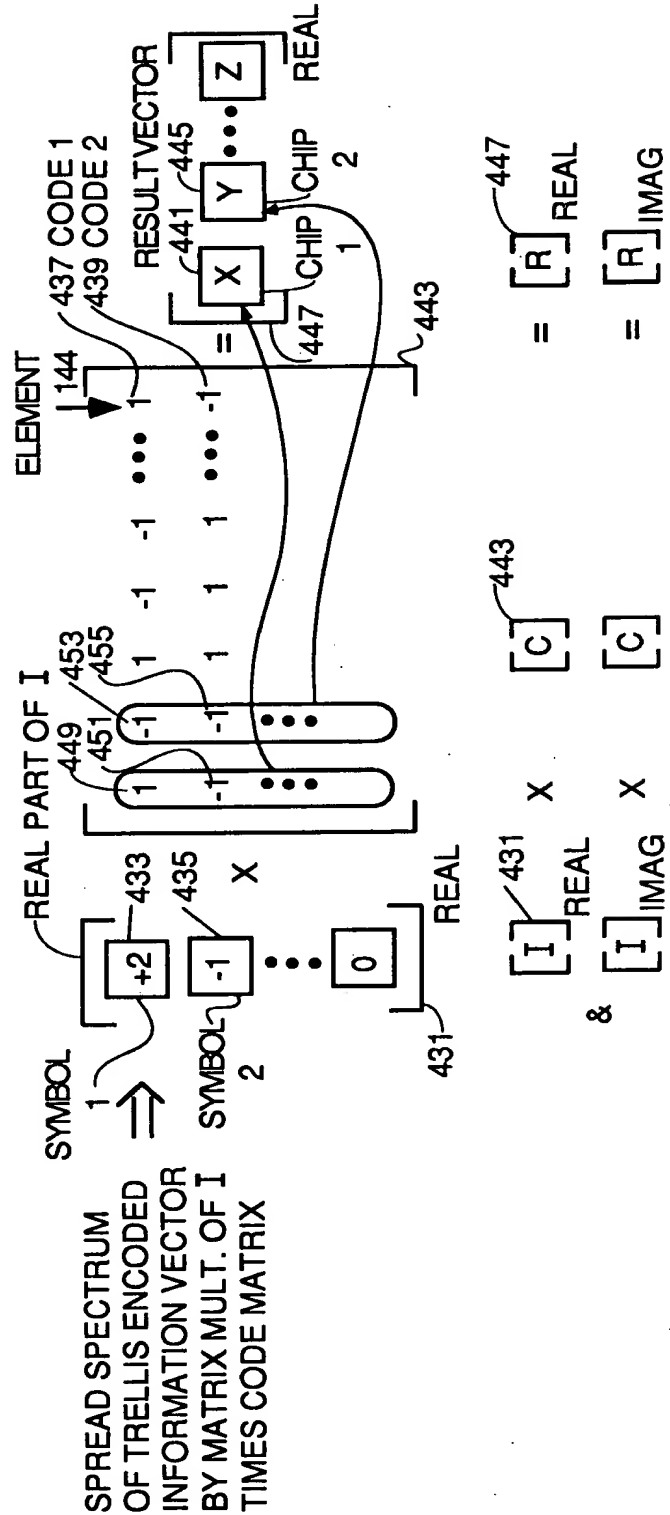


FIG. 18C



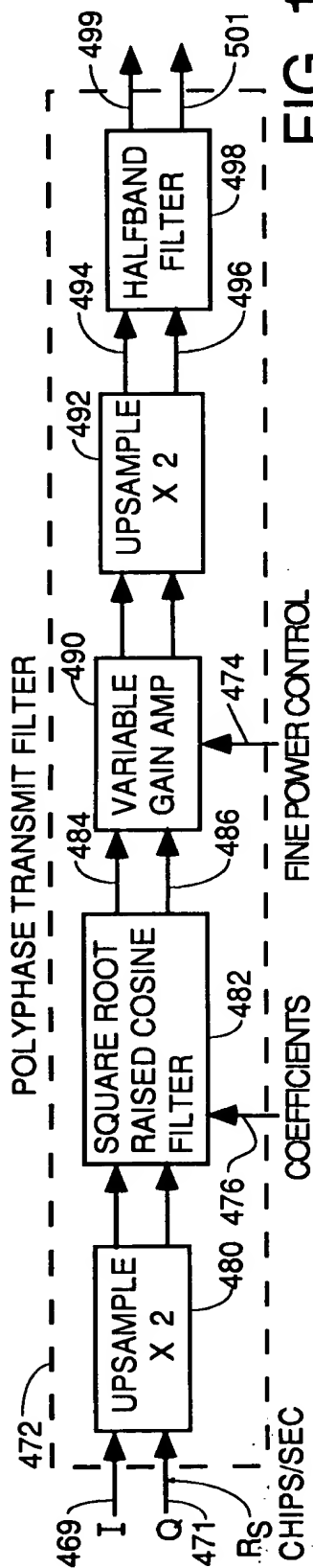


FIG. 19

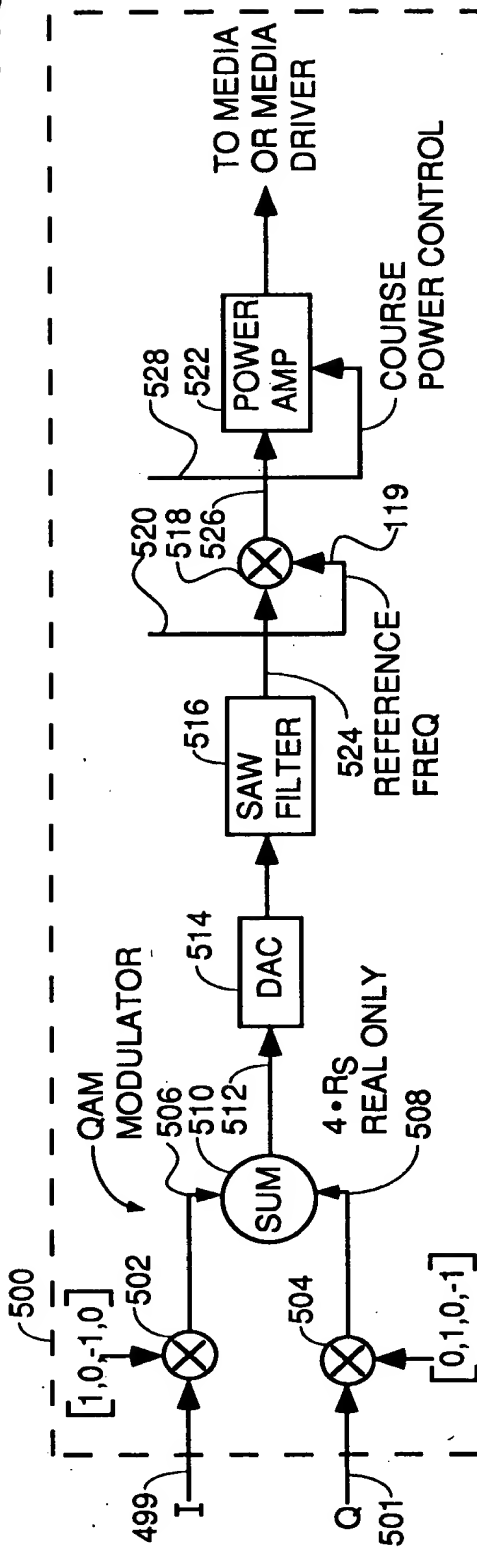


FIG. 20

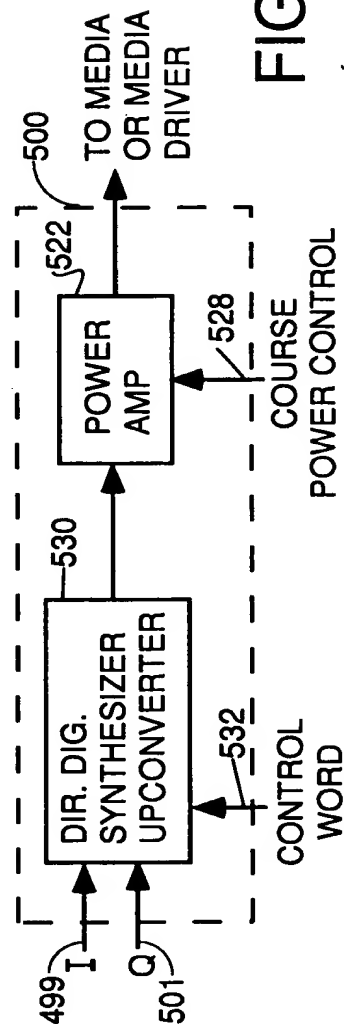


FIG. 21

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

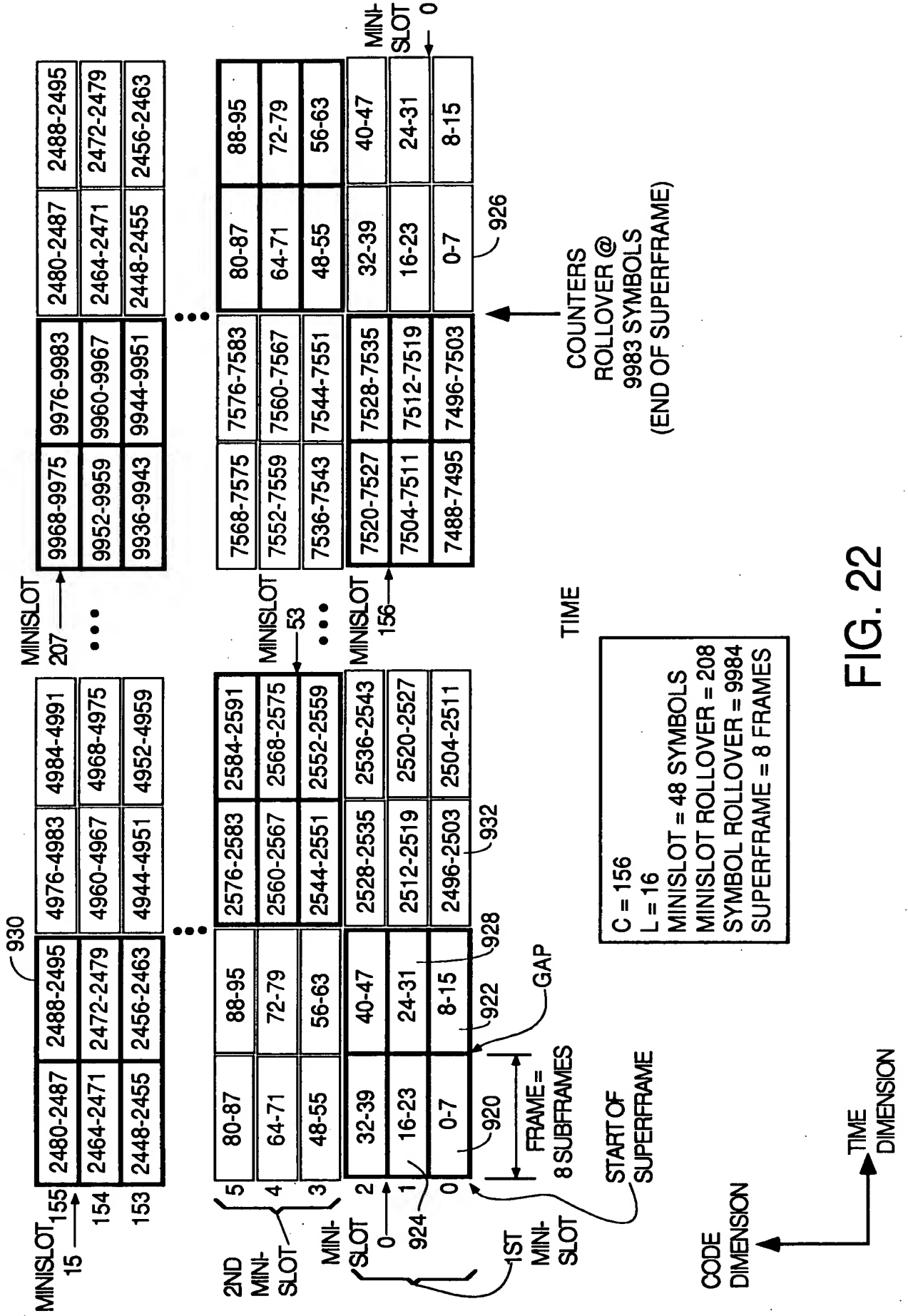


FIG. 22

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
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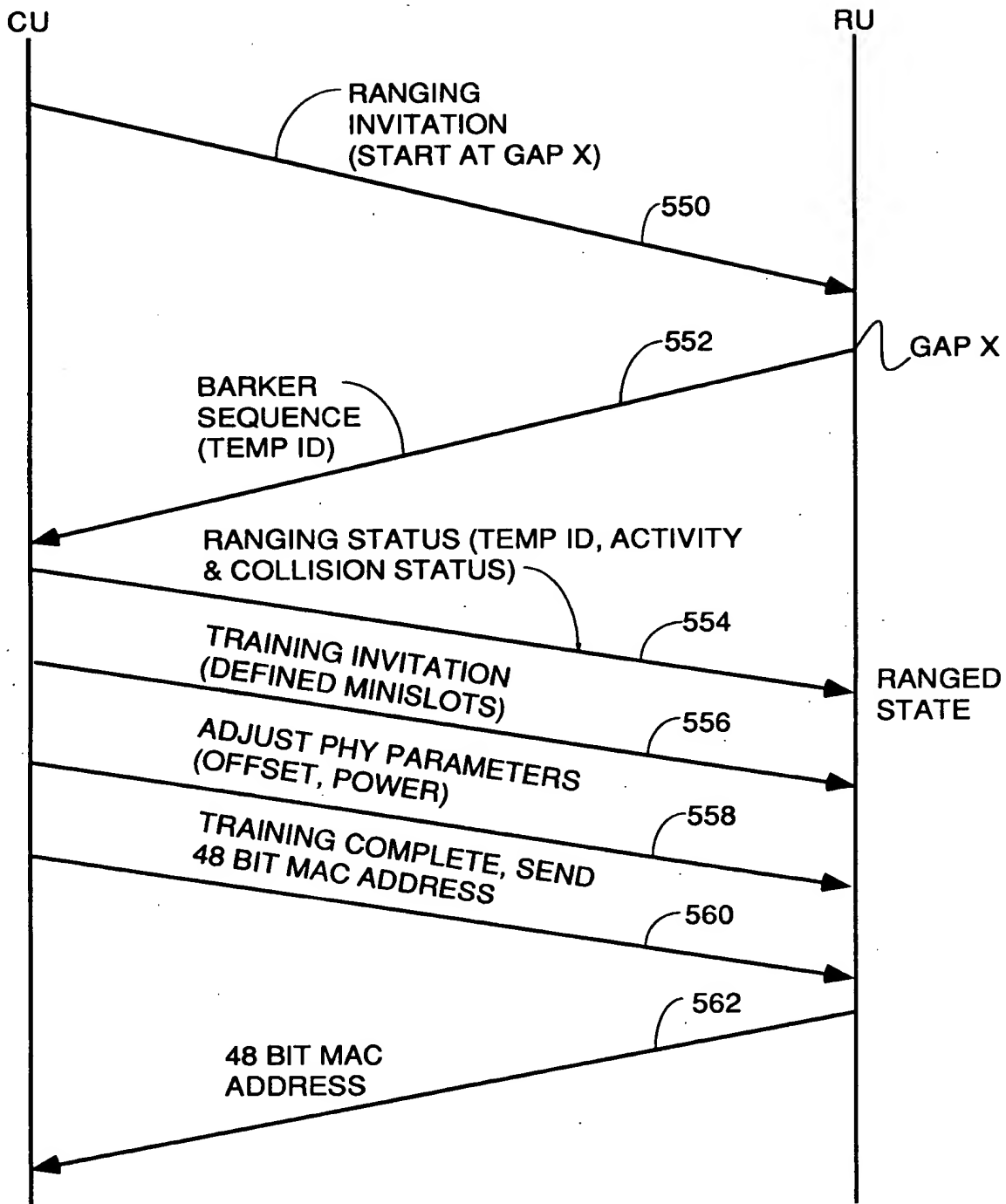


FIG. 23

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

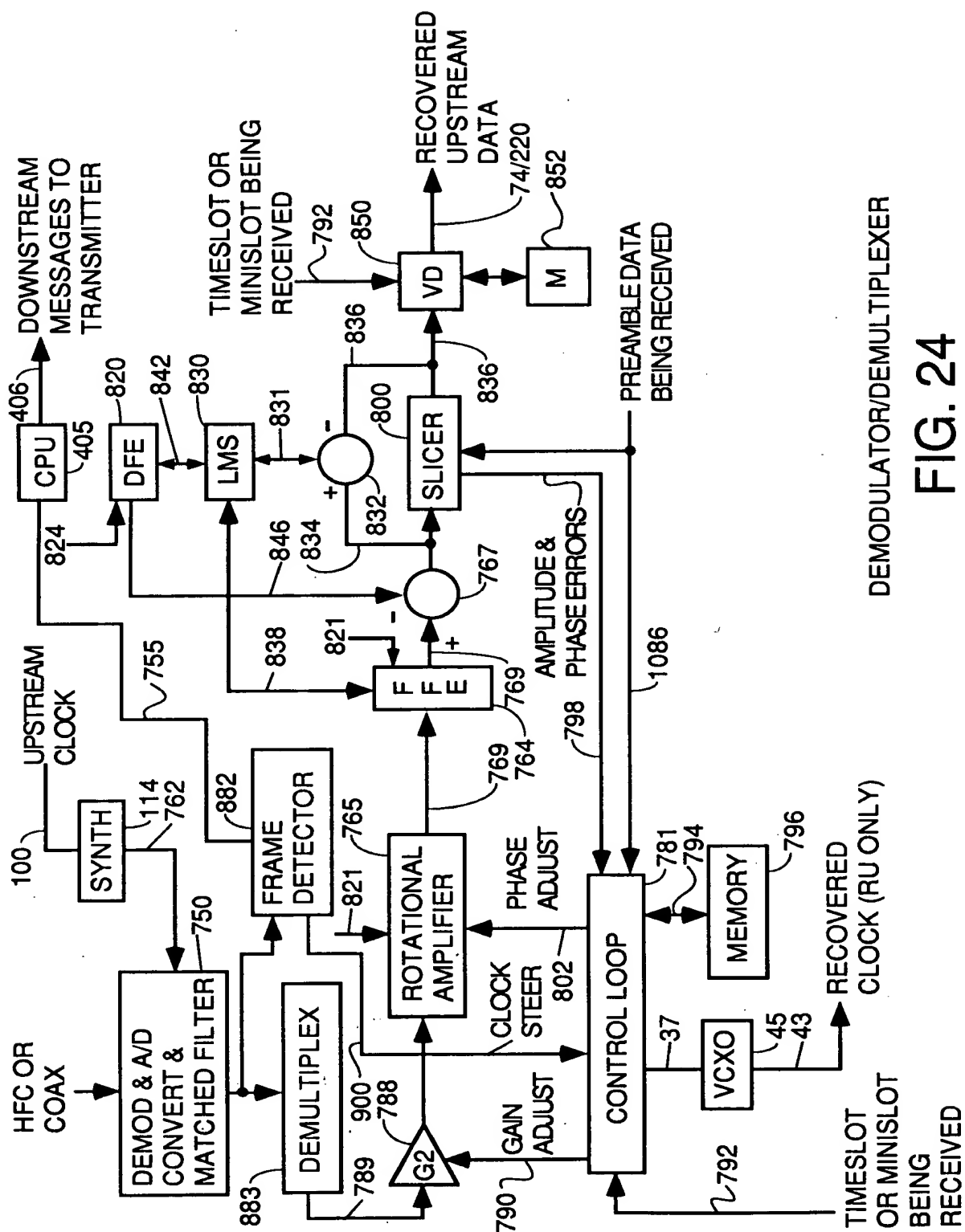


FIG. 24